

SUMMARY

Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	1P
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	PAC.M1.0GL.AC39J



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PL*: Fixed receptacle, nut fixing
Keying	2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), grey
Variant	J : Yellow front nut
Weight	5.30 g

Performance

Configuration	1P.M10 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	3 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.0201in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm ² (AWG 28)

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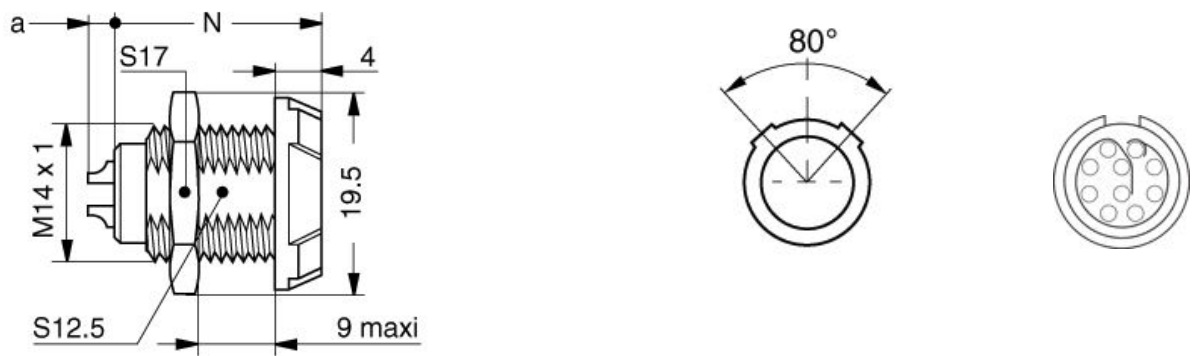
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 0.85
Air clearance min. (mm) or Creepage distance min. (mm): 0.45

Others

Endurance (Shell): >2000 mating cycles
F ret (min): 50 N
F ret (max): 150 N
Steam sterilization: > 100 times (with potting on rear connection)
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	N
mm.	19.5	25	20.5
in.	0,77	0,98	0,81

RECOMMENDED BY LEMO

Tools

None

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Cables

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